

**ARDROX**

Dms 2283

Rec'd 1/87

Health - 2

Fire - 3

Reactivity

for Mr. Rodde on
5/7/87, RL**MATERIAL SAFETY DATA SHEET****I. PRODUCT IDENTIFICATION**

Trade Name (as labeled) Leeder Ardrox 1064-K Low Vapor Pressure Wipe Solvent
Chemical Names, Common Names Blend
Manufacturer's Name Ardrox Inc.
Address 16961 Knott Avenue, La Mirada, CA 90638
Emergency Phone 800 424-9300 Name of Preparer James W. Rodde
Business Phone 714 739-2821 Date Prepared Oct. 24, 1986

II. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	APPROXIMATE PERCENT	EXPOSURE LIMITS IN AIR		
			ACGIH (TLV)	OSHA (PEL)	OTHER
2-Butanone	78933	60-70	200 ppm		
Isopropyl Alcohol	67630	5-15	400 ppm		
Toluene	108883	5-15	100 ppm		
N-Butyl Acetate	123864	5-15	150 ppm		

III. PHYSICAL PROPERTIES

Vapor Density (Air=1) Greater than 1 Melting Point or Range, °F. N/A
Specific Gravity 0.835 Boiling Point or Range, °F. 175-260
Solubility in Water Appreciable
Vapor Pressure, mmHg at 20°C Less than 44
Evaporation Rate (butyl acetate =1) Greater than 1
Appearance and Odor Clear Liquid, Solvent Odor

HOW TO DETECT THIS SUBSTANCE (Warning properties of substance as a gas, vapor, dust, or mist)

Distinctive Solvent Odor

IV. FIRE AND EXPLOSION

Flash Point, °F. (give method) 22°F. T.O.C.

Autoignation Temperature, °F. N/A

Flammable Limits in air, volume %: Lower N/A Upper N/A

Fire Extinguishing Materials:

 Water Spray

 X Carbon Dioxide

 Other:

 X Foam

 X Dry Chemical

Special Firefighting Procedures: Self-contained breathing equipment should be used in confined areas where the solvent is stored. A straight water stream would spread hydrocarbon fires.

Unusual Fire and Explosion Hazards: A vapor accumulation would flash and/or explode if ignited.

V. HEALTH HAZARD INFORMATION

SYMPTOMS or OVEREXPOSURE for each potential route of exposure.

Inhaled: Inhalation of vapors can cause headache, dizziness and stupor, nausea and vomiting.

Contact with Skin or Eyes: Skin - mildly irritating, may produce a burning sensation.
Eye - mild to moderate irritant, causing pain, lacrimation and inflammation.

Absorbed through Skin: This solvent is not readily absorbed through the skin.

Swallowed: Irritation of the gastrointestinal tract.

HEALTH EFFECTS OR RISKS FROM EXPOSURE. Explain in lay terms. Attach extra page if more space is needed.

Acute: Prolonged or repeated contact may cause skin to become red, rough and dry due to the removal of natural oils.

Chronic: Dermatitis.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Immediately flush with water for 15 minutes. If irritation persists get medical attention.

Skin Contact: Wash with soap and water. Remove contaminante clothing and wash before reuse.

Inhaled: Remove patient to fresh air. Get medical attention if necessary.

Swallowed: Do not give emetics, obtain medical attention immediately.

SUSPECTED CANCER AGENT?

☒ NO: This product's ingredients are not found in the lists below.

YES: ☐ Federal OSHA ☐ NTP ☐ IARC ☐ Cal/OSHA (See note)

NOTE: California employers using Cal/OSHA-regulated carcinogens must register with Cal/OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Skin conditions could be aggravated by repeated or prolonged exposure.

RECOMMENDATIONS TO PHYSICIAN

Treatment should be directed at the control of symptoms and the clinical conditions.

VI. REACTIVITY DATA

Stability: ☒ Stable ☐ Unstable

Conditions to avoid: Open flames, hot surfaces, electrical arcs or any other ignition source.

Incompatibility (materials to avoid) Strong oxidizing agents.

Hazardous decomposition products (including combustion products):

Incomplete combustion produces carbon monoxide and other toxic substances.

Hazardous Polymerization: _____ May occur _____ X Will not occur

Conditions to Avoid: None known.

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures):

All sources of ignition should be removed. Provide good ventilation. Soak up spill with absorbent material and shovel into steel pails or drums. Wash down residues and flush to sewer with plenty of water. Person performing this work should wear adequate personal protective equipment and clothing.

Preparing wastes for disposal (container types, neutralization, etc.):

No special procedures required. Consult local authorities.

Note: Dispose of all wastes in accordance with federal, state and local regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls Use adequate local/general ventilation to keep down mist or vapor concentration below applicable standards.

Respiratory protection If adequate ventilation is a problem use NIOSH approved organic vapor respirator.

Eye Protection (Type) Chemical safety goggles.

Gloves (specify material) Neoprene

Other Clothing and Equipment Apron, safety shower and eye wash.

Work practices, hygienic practices Wash hands before handling any food. Avoid eye contact. Avoid repeated skin contact. Use with adequate ventilation.

Other handling and storage requirements Keep container tightly closed. Store away from heat. Sparks, open flames and oxidizers.

Protective measures during maintenance of contaminated equipment Same measures as noted above.

IX. LABELING

Labeling (precautionary statements) Flammable. Use adequate ventilation. Contains Isopropyl Alcohol and other flammable solvents. Keep away from heat, sparks or naked flames. Keep containers closed. Avoid prolonged breathing of vapors and skin contact. Store in cool, dry well ventilated area.

D.O.T. Label Compound, Cleaning Liquid, Flammable N.O.S.